

## ABSTRACT OF THE DISCLOSURE

To provide a projector reduced in size and weight and countermeasures against EMI (Electro-Magnetic Interference) as well. The projector has vertically separable outer cases which accommodate an optical system comprising: a color beam splitting optical system for splitting light from a light source into beams of predetermined colors; an electro-optical device for modulating the color beams split by the color beam splitting optical system in accordance with image information; a color beam combining optical system for combining the color beams modulated by the electro-optical devices; and a projection lens for projecting the resultant beam combined by the color beam combining optical system. These optical components constituting the optical system are attached to a inner case, and the inner case is fixed to a lower case so as to accommodate at least the color beam splitting optical system in a enclosure constituted by the inner case and the lower case.